Kitelock (Edetate 4%) Locking Solution CVAD Trial

IWK Hematology/Oncology/Nephrology: Start date October 14th, 2026

PICC Lines: Lock each lumen with 1 mLs after use. Minimum once weekly when not in use.

Tunneled Lines (Hickman/Broviac): Lock each lumen with 1 mLs after use. Minimum once weekly when not in use.

Port-a-cath: Lock each lumen with 2 mLs after use when accessed. Flush and lock with 2 mLs minimum every 2-3 months when not is use (kitelock is active in the line for up to 90 days).

Dialysis/Apheresis Lines: Lock each lumen with 2 mLs after use. Minimum once weekly when not in use.

NEW: PICC lines and Tunneled lines only need to be flushed **ONCE** weekly when not in use/outpatients.

- Continue turbulent flushing with saline prior to locking.
- Kitelock can be flushed to the patient (No need to withdraw dose).
- Some patients feel a brief stinging sensation when port needle being removed after locking. If this occurs, wait 5 minutes after locking prior to removing needle.
- If a patient's line requires access multiple times per day, lock with kitelock for 2 locking times; lock with saline for the other locking times.

Caution: Calcium levels from the CVAD may be altered with the use of kitelock. If lab value abnormal with no clinical reason, consider a re-draw with a larger discard volume OR have a lab draw.

Nova Scotia patients: order set in CIS; PED Central Venous Access Device (CVAD) Patency (Ped/Neo)

Questions?

Contact: Nadine Smith Nadine.smith@iwk.nshealth.ca

Christa McGuirk christa.mcguirk@iwk.nshealth.ca